

WHAT IS CLAIMED IS:

1. A shift control method for a six-speed automatic transmission, comprising:

performing a preceding shift control when disengagement components of a
5 preceding shift stage and a final target shift stage are identical during skip shifting, then
executing a one-stage skip shift control toward the final target shift stage when a set of
required conditions is satisfied; and

standing by for a predetermined time period without performing the preceding
shift control when the disengagement components of the preceding shift stage and the
10 final target shift stage are different during skip shifting, then performing a one-stage
skip shift control toward the final target shift stage only if a set of required conditions
are met.

2. The method as defined in claim 1, wherein the set of required conditions while
15 disengagement components of the preceding and final target shift stages are identical
during skip shifting comprise:

delaying the shift control for the preceding shift stage for a predetermined time
period from a point where a shift signal of a shift control is outputted toward the
preceding shift stage; and

20 detecting a shift signal for the final target shift stage.

3. The method as defined in claim 1, wherein the set of required conditions while
disengagement components of the preceding and the final target shift stages are
different during skip shifting comprise:

25 standing by for a predetermined time from a point where a shift signal is

outputted for a shift control to a preceding shift stage;

a difference of the current throttle openness and that of an estimated degree at a starting point of a shift control to the preceding shift stage is in excess of a preset value;

the changed degree in throttle openness having been entered into the preceding
5 shift stage is in excess of a preset value.

a vehicle speed under this condition is less than a speed limit of a wide open throttle for shifting to the final target shift stage.

4. A shift control method for a six-speed automatic transmission, wherein a shift
10 signal to the final target shift stage is generated when the difference between a turbine revolution at synchronization with a preceding shift stage and a current turbine revolution is less than a preset value during a shift control for a one-stage skip shift, then the one-stage skip shift is completed to the preceding shift stage, and a two-stage skip control is performed by a shift control for a sequential shift to the final target shift
15 stage.

5. A shift control method for a six-speed automatic transmission, wherein a shift
signal to the final target shift stage is generated when the difference between a turbine revolution at synchronization with a preceding shift stage and a current turbine
20 revolution is less than a preset value during a shift control for a one-stage skip shift, then the one-stage skip shift is completed to the preceding shift stage, and a three-stage skip control is performed by a shift control for a one-stage skip shift to the final target shift stage.

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